

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051325\
 Data File : BN036995.D
 Acq On : 13 May 2025 14:20
 Operator : RC/JU
 Sample : Q1872-11DL 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HW0425-PT-BNA-SOILD

Quant Time: May 13 14:45:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 12 18:05:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2126	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	5894	0.400	ng	0.00
13) Acenaphthene-d10	14.266	164	3337	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6540	0.400	ng	0.00
29) Chrysene-d12	21.206	240	5786	0.400	ng	0.00
35) Perylene-d12	23.412	264	5499	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	8807	1.607	ng	0.00
5) Phenol-d6	6.795	99	11407	1.717	ng	0.00
8) Nitrobenzene-d5	8.760	82	7065	1.137	ng	-0.01
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.767	330	2452	1.602	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	18683	1.199	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.658	244	16875	1.288	ng	0.00
Target Compounds						Qvalue
10) Hexachlorobutadiene	10.746	225	9370	2.551	ng	# 99
16) Acenaphthylene	13.989	152	7041	0.432	ng	99
17) Acenaphthene	14.331	154	9825	0.917	ng	98
18) Fluorene	15.314	166	37721	2.627	ng	99
21) 4-Bromophenyl-phenylether	16.214	248	6629	1.561	ng	# 91
24) Pentachlorophenol	16.673	266	3756	1.491	ng	97
26) Anthracene	17.145	178	12699	0.647	ng	100
28) Fluoranthene	19.082	202	68387	2.703	ng	98
33) Chrysene	21.242	228	27049	1.170	ng	99
34) Bis(2-ethylhexyl)phtha...	21.135	149	45056	3.343	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.623	276	31073	1.430	ng	99
37) Benzo(b)fluoranthene	22.754	252	21045	0.918	ng	94
39) Benzo(a)pyrene	23.316	252	11888	0.625	ng	92
40) Dibenzo(a,h)anthracene	25.637	278	13022	0.768	ng	94
41) Benzo(g,h,i)perylene	26.295	276	15910	0.847	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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